

Denny Hoskins

Secretary of State / Administrative Rules

RULE TRANSMITTAL

1017

Administrative Rules Stamp

RECEIVED

By Administrative Rules at 11:31 am, Sep 21, 2026

JCAR Stamp

RECEIVED

By JCAR at 11:22 am, Sep 21, 2026

Rule number 20 CSR 4240-21.035

Use a SEPARATE rule transmittal sheet for EACH individual rulemaking.

Name of person(s) Administrative Rules can contact with questions about this rule:

Content Nancy Dippell Phone 573-751-8518 Fax 573-526-6010

Email address Nancy.Dippell@psc.mo.gov

Data Entry Kayla Kliethermes Phone 573-751-4256 Fax 573-526-6010

Email address Kayla.Kliethermes@psc.mo.gov

Interagency mailing address Public Service Commission, 9th Floor Gov. Office Bldg, JC, MO

TYPE OF RULEMAKING ACTION TO BE TAKEN

☐ Emergency rulemaking > ☐ Rule ☐ Amendment ☐ Rescission ☐ Termination

Effective date for the emergency _____

☒ Proposed rulemaking > ☒ Rule ☐ Amendment ☐ Rescission

☐ Rule Action Notice

☐ In Addition

☐ Rule Under Consideration

☐ Request for Non-Substantive Change

☐ Statement of Actual Cost

☐ Order of Rulemaking > ☐ Withdrawal ☐ Adoption ☐ Amendment ☐ Rescission

Effective date for the order _____

☐ Statutory 30 days OR ☐ Specific date _____

Does the Order of Rulemaking contain changes to the rule text? ☐ NO

☐ YES—LIST THE SECTIONS/SUBSECTIONS WITH CHANGES:



Missouri Public Service Commission

MAIDA J. COLEMAN
Commissioner

KAYLA HAHN
Chair

JOHN P. MITCHELL
Commissioner

GLEN KOLKMEYER
Commissioner

POST OFFICE BOX 360
JEFFERSON CITY, MISSOURI 65102
573-751-3234
573-751-1847 (Fax Number)
<http://psc.mo.gov>

VACANT
Commissioner

September 18, 2026

Sarah Schappe
Director
Joint Committee on Administration Rules
State Capitol, Room B8A
Jefferson City, Missouri 65101

Re: 20 CSR 4240-21.035 Supply-Side Resource Analysis Requirements

Dear Director Schappe,

CERTIFICATION OF ADMINISTRATIVE RULE

I do hereby certify that the attached is an accurate and complete copy of the proposed rule lawfully submitted by the Missouri Public Service Commission.

The Public Service Commission further certifies it has conducted an analysis of whether or not there has been a taking of real property pursuant to section 536.017, RSMo, that the proposed rule does not constitute a taking of real property under relevant state and federal law.

The Public Service Commission has determined and hereby also certifies that if the proposed rule does affect small business pursuant to sections 536.300 to 536.310, RSMo, a small business impact statement has been filed as required by those sections. If no small business impact statement has been filed the proposed rule either does not affect small business or the small business requirements do not apply pursuant to section 536.300.4, RSMo.

Statutory Authority: *sections 386.040, 386.250, 386.610, 393.140, RSMo 2016, and section 393.1900, RSMo Supp. 2025.*

If there are any questions regarding the content of this proposed rule, please contact:



Nancy Dippell
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison Street
P.O. Box 360
Jefferson City, MO 65102
(573) 751-8518
Nancy.Dippell@psc.mo.gov

Nancy Dippell

Nancy Dippell
Secretary

Enclosures



Missouri Public Service Commission

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JOHN P. MITCHELL
Commissioner

VACANT
Commissioner

September 18, 2026

Denny Hoskins
Secretary of State
Administrative Rules Division
600 West Main Street
Jefferson City, Missouri 65101

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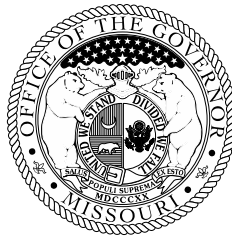
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Secretary

Enclosures

STATE CAPITOL
201 W. CAPITOL AVENUE, ROOM 216
JEFFERSON CITY, MISSOURI 65101



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Mike Kehoe

GOVERNOR
STATE OF MISSOURI

September 16, 2026

Kayla Hahn, Chair
Missouri Public Service Commission
P O Box 360
Jefferson City MO 65102

Dear Ms. Hahn:

Our office has received the Proposed New rulemakings for the following regulations:

- **20 CSR 4240-21.030** Load Forecasting Requirements
- **20 CSR 4240-21.035** Supply-Side Resource Analysis Requirements
- **20 CSR 4240-21.040** Transmission and Distribution Analysis Requirements
- **20 CSR 4240-21.050** Demand-Side Resource Analysis Requirements

Executive Order 25-13 requires this office's approval before state agencies release proposed regulations for notice and comment, amend existing regulations, or adopt new regulations. After our review, we approve submission of the rule and the regulatory impact report (if required) to JCAR and the Secretary of State.

Sincerely,

A handwritten signature in blue ink that reads "Lowell Pearson".

Lowell Pearson
General Counsel

AFFIDAVIT

PUBLIC COST

STATE OF MISSOURI)
)
COUNTY OF COLE)

I, Rodney Massman, General Counsel of the Public Service Commission, do declare that it is my opinion that the cost of proposed rule 20 CSR 4240-21.035 is less than five hundred dollars in the aggregate to this agency, any other agency of state government or any political subdivision thereof.


Rodney Massman
General Counsel
Public Service Commission

Subscribed and sworn to before me this 9th day of September, 2024, I am commissioned as a notary public within the County of Cole, State of Missouri, and my commission expires on June 29, 2029.




Notary Public

Title 20 - DEPARTMENT OF COMMERCE AND INSURANCE
Division 4240 - Public Service Commission
Chapter 21 - Resource Planning for Electric Utilities

PROPOSED RULE

20 CSR 4240-21.035 Supply-Side Resource Analysis Requirements

PURPOSE: This rule establishes the minimum standards for the scope and level of detail required in the supply-side resource analysis.

(1) Screening analysis inputs.

(A) The electric utility shall identify and evaluate a variety of potential supply-side resource options for purposes of resource planning, which the electric utility can reasonably expect to use, develop, implement, or acquire. Potential supply-side resource options include but are not limited to:

1. Full or partial ownership of new plants using existing generation technologies;
2. Full or partial ownership of new plants using new generation technologies, including technologies expected to become commercially available within the planning horizon, such as, a technology for which an operational pilot of 10 MW or greater is currently in operation or advanced stages of development;
3. Renewable energy resources on the electric utility-side of the meter, including a wide variety of renewable generation technologies;
4. Technologies for distributed generation;
5. Technologies for storage, including various durations and configuration and configurations;
6. Purchased power from bi-lateral transactions and from organized capacity and energy markets, including from resources in the regional transmission operator (RTO) generator interconnection queues that are likely to come online in the plan period;
7. Transmission and distribution system improvements as identified in 20 CSR 4240-21.040;
8. Life extension and refurbishment of assets at existing generating plants including, but not limited to, mothballing;
9. Enhancement of the emission controls at existing generating plants; and
10. Generating plant and operational efficiency improvements which reduce the electric utility's own use of energy.

(B) The electric utility shall describe and document, at a minimum, the following for potential supply-side resources:

1. Unit characteristics;
2. Current and expected accredited capacity by season;
3. Licensing status;
4. Current depreciation rates for each generating unit;
5. Currently expected retirement dates; and
6. If applicable, any remaining useful life of each generating unit.

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(C) The electric utility shall describe and document a variety of potential supply-side resource options including, but not limited to, anticipated:

1. Unit characteristics and attributes;
2. Accredited capacity by season;
3. Licensing, permitting, and construction timelines;
4. Useful life; and
5. Potential risks and constraints.

(D) The electric utility shall describe and document its analysis including provision of cost and performance information sufficient to fairly analyze and compare each of these existing and potential supply-side resource options established in subsection (1)(A), including, but not limited to, those attributes needed to individually assess the following cost categories by resource:

1. Capital cost, including capital projects that are reasonably expected to result in the extension of the retirement date of each generating unit;
2. Fixed and variable operation and maintenance costs separately identifying estimated commodity prices, fuel transport costs, and fuel storage cost;
3. Probable environmental compliance costs; and
4. Unit characteristics and attributes.

(2) Screening analysis and data provision.

(A) The electric utility shall indicate which potential supply-side resource options it considers to be preliminary supply-side candidate resource options. Any electric utility using the preliminary screening analysis to identify preliminary supply-side candidate resource options shall rank all preliminary supply-side candidate resource options based on estimates of the electric utility costs with and without probable environmental compliance costs.

(B) The electric utility shall provide a summary table showing the following for each potential supply-side resource option:

1. The electric utility's costs associated with existing supply-side resources that may be subject to changes in configuration or operation during the planning horizon, including changes in environmental controls or retirement dates;
2. The estimated cost for each potential supply-side resource option;
3. An assessment of whether each potential supply-side resource option qualifies as a renewable energy resource; and
4. Justification for any potential supply-side resource options that are eliminated from further consideration.

(C) The electric utility shall describe and document its analysis of each existing and potential supply-side resource option. The analysis shall include, but not be limited to:

1. Cost rankings of each potential supply-side resource option which shall be based on estimates of the installed capital costs plus fixed and variable operation and maintenance costs;
2. Costs of ancillary and/or back-up supply-side resources required to achieve necessary or assumed capacity accreditation level; and

3. A description of potential environmental legal mandates which may be imposed at some point within the planning horizon, including:

A. The probable environmental compliance costs of each potential supply-side resource option, which shall be quantified by estimating the cost to the electric utility to comply with such environmental legal mandates that may be imposed;

B. A list of environmental pollutants for which legal mandates may be imposed during the planning horizon which would result in compliance costs that could significantly impact electric utility rates;

C. A subjective probability that represents the electric utility's estimated likelihood that legal mandates requiring additional levels of mitigation will be imposed at some point within the planning horizon; and

D. The electric utility's expected mitigation cost, based on these probabilities, for each identified pollutant.

(D) The electric utility shall provide its analysis of the interconnection pursuant to 20 CSR 4240-21.040(1)(G) and any other transmission requirements associated with the preliminary supply-side candidate resource options identified in subsection (2)(A).

(E) The electric utility's analysis shall include the identification of transmission constraints, as estimated pursuant to paragraph 20 CSR 4240-21.040(1)(A)2., whether within the appropriate RTO/ISO footprint, on an appropriate interconnected RTO/ISO, or a transmission system that is not part of an appropriate RTO/ISO. The electric utility shall ensure that its analysis reflects a transmission network is capable of reliably supporting the preliminary supply-side candidate resource options under consideration, that the costs of the transmission system investments associated with preliminary supply-side candidate resource options, as estimated pursuant to subsection 20 CSR 4240-21.040(1)(G), are properly considered and provide an adequate foundation of basic information for decisions including, but not limited to, the following:

1. Joint ownership or participation in supply-side resources construction projects;
2. Construction of wholly owned supply-side resources;
3. Participation in major refurbishment, life extension, upgrading, or retrofitting of existing supply-side resources;
4. Improvements, including advanced transmission technology or advanced distribution technology, on the electric utility's transmission and distribution system to increase efficiency, capacity, and/or reduce power losses;
5. Acquisition of existing supply-side resources; and
6. Opportunities for new long-term power purchases and sales, and short-term power purchases that may be required for bridging the gap between other supply-side resource options, both firm and non-firm, that are likely to be available overall or part of the planning horizon.

(F) The electric utility's analysis shall include the identification of any output limitations imposed on existing or new supply-side resources due to transmission and/or distribution system capacity constraints, to ensure that supply-side candidate resource options are evaluated in accordance with any such constraints.

(3) Candidate resource options.

(A) The electric utility shall identify preliminary supply-side candidate resource options which are not eliminated as supply-side candidate resource options. The supply-side candidate resource options that the electric utility passes on for further evaluation in the integration process shall represent a wide variety of supply-side resource options with diverse fuel and generation technologies, including a wide range of renewable technologies and technologies suitable for distributed generation.

(B) The electric utility shall explain its process for identifying and analyzing potential supply-side resource options and preliminary supply-side candidate resource options and for choosing its supply-side candidate resource options to advance to the integration analysis.

(C) The electric utility shall indicate which, if any, of the preliminary supply-side candidate resource options identified in subsection (2)(A) are eliminated from further consideration on the basis of the interconnection and other transmission analysis and shall explain the reasons for their elimination.

(D) The electric utility shall include its best estimate of the cost of interconnection and any other transmission requirements, in addition to the electric utility cost and probable environmental compliance cost, in the cost of supply-side candidate resource options advanced for purposes of developing the alternative resource plans required by 20 CSR 4240-21.060(2).

(E) The electric utility shall develop and justify ranges of values and probabilities for several important uncertain factors related to supply-side candidate resource options, including the impact of implementing alternative fuel options. These cost estimates shall include, at a minimum, the following elements, as applicable to the supply-side candidate resource option:

1. Fuel price forecasts, including fuel delivery costs and pipeline interconnection costs if applicable, over the planning horizon for the appropriate type and grade of primary fuel and for any alternative fuel that may be practical as a contingency option;

2. Estimated capital costs including engineering design, construction, testing, startup, and certification of new facilities or major upgrades, refurbishment, or rehabilitation of existing facilities;

3. Estimated annual fixed and variable operation and maintenance costs over the planning horizon for new facilities or for existing facilities that are being upgraded, refurbished, or rehabilitated;

4. Forecasts of the annual cost or value of emission allowances to be used or produced by each generating facility over the planning horizon, if applicable;

5. Annual fixed charges for any facility to be included in the rate base, or annual payment schedule for leased or rented facilities; and

6. Estimated costs of interconnection or other transmission requirements associated with each supply-side candidate resource option.

AUTHORITY: sections 386.040, 386.250, 386.610, 393.140, RSMo 2016, and section 393.1900, RSMo Supp. 2025. Original rule filed _____, 2026.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500.00) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500.00) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file comments in support of or in opposition to this proposed rule with the Missouri Public Service Commission, Nancy Dippell, Secretary of the Commission, P.O. Box 360, Jefferson City, MO 65102. To be considered, comments must be received at the commission's offices on or before December 2, 2026, and should include a reference to Commission Case No. EX-2027-0085. Comments may also be submitted via a filing using the commission's electronic filing and information system at https://psc.mo.gov/General/Submit_Comments. A public hearing regarding this proposed rule is scheduled for December 15, 2026, at 10:00 a.m., in Room 310 of the Governor Office Building, 200 Madison St., Jefferson City, MO. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed rule and may be asked to respond to commission questions. Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one (1) of the following numbers: Consumer Services Hotline 1-800-392-4211 or TDD Hotline 1-800-829-7541.